

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 6:29 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 339 Const Calendar Day: 579 Date: 04-Jan-2014 Saturday

Inspector Name: Altamirano, Victor Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

| Temperature | 7 AM | 12 PM | 4 PM |
|---------------|------|-------|-----------|
| Precipitation | | | Condition |

Working Day ☒ If no, explain:**Diary:**

Dispute

Work description.

Inspector: Victor Altamirano (8 OT stra. and 1 hour OT)

Date: 010414 (Saturday)

Location: West of OTD building test area

Weather: 39 deg.

Field Work –

Workers installed tarp for the tent on the south and east sides. Workers also installed hoses on jacks for TR 8 & 9. Workers pumped water into water tank for TR 9. An extendable forklift was used to remove the empty pallets of water down. Workers added salt water in the water tank for TR 8. Note that workers were keeping the leading end of the hose inside the tank and stirring the water with the hose.

We did about three (3) cycles of loading for TR 11 that ranged between 1650 and 1700 psi and dropping the pressure back down to 0psi between cycles. A leak test was conducted after the loading and no leaks were observed. Then we prepped to do the first step of the loading by increasing the pressure to about 2000psi and then increased more to 2300psi. We then waited to get clearance from AE (METS) to tighten the nut. Within 20 minutes, workers were able to tighten the nut and we released the pressure back down to 0 psi. We ran the pressure back up cause we were not within our loading tolerance. Our final load after tightening the nut was about 353 kips for TR 11. B. Brignano did the video tapping of the water purposely spewing from the spherical washer groove opening to confirm that the NaCl solution was spread around the the threads of the test rod. Then we placed backer rod into the groove and applied plumbers putty to seal up any potential leaks.

Later in the day, workers were prepping to install rod 7 into test rig.

We did the same on TR 10 also running up the pressure between 1650 and 1700 psi. Workers tried using a chain wrench to back-off the northern most nuts from the jacking beam on TR 10. Due to limited access to loosen the nut, workers had to cut a larger hole into the traffic plate to get access to the nut. Workers placed fire blankets to protect the rod and jacking beam before they torched the plate. They brought an oxygen and propylene tank using a forklift to provide flame to do the torching.

The laborer was making lids to cover up the square holes in the traffic plate for safety. A saw and generator was used to power the saw. Laborers were also working on building stairs.

ABF engineer: K. Chen (8 hours total)

Office Work -
I finalized diaries.

Equipment -
5 radios for 40 OT hours.



Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name Altamirano, Victor Diary #: 339 Date: 04-Jan-2014 Saturday

Kubota Cart for 8 OT hours.
110 kW Generator for 8 OT hours.
Gas cutting torch for 1 OT hour.

20' K-rail (26 k-rails were being rented for the Department)
10' k-rail (7 k-rails were being rented for the Department)
Ten (10) total 12"x12" crane mats that were 5'x16' each.
Four (4) total 12"x12" crane mats that were 5'x7' each.
Twenty (20) total 12"x12" crane mats that were 5'x8' each.

CCO-314 Bid Item: 001 0-RRR-EFA.314 E2 Remove, Replace & Test Rods

AMERICAN BRIDGE/FLUOR, A JV

Labor

| Trade | Class | Name | RT Hrs | OT Hrs | DT Hrs | Total | Remarks | Dispute |
|--|-------|----------------|--------|--------|--------|-------|---------|--------------------------|
| Contractor: AMERICAN BRIDGE/FLUOR, A JV | | | | | | | | |
| Ironworker | APP | JOHN DUSKIN | 0.00 | 8.00 | 0.00 | 8.00 | | <input type="checkbox"/> |
| Semi-Skilled Laborer | JNM | IGNACIO GARCIA | | 8.00 | 0.00 | | | <input type="checkbox"/> |
| Ironworker | JNM | BARRY ROTHMAN | 0.00 | 8.00 | 0.00 | 8.00 | | <input type="checkbox"/> |
| Operator | JNM | JEFFREY KELLER | 0.00 | 8.00 | 0.00 | 8.00 | | <input type="checkbox"/> |
| Semi-Skilled Laborer | JNM | CARLOS GARCIA | 0.00 | 8.00 | 0.00 | 8.00 | | <input type="checkbox"/> |